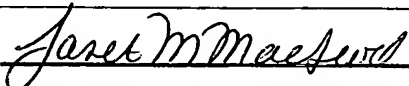
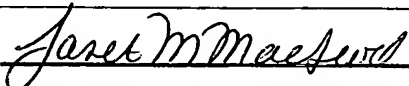
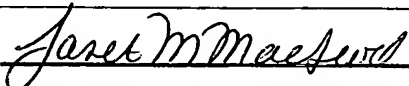


FORM PTO-1390 (REV. 07-2005)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		EXPRESS MAIL NUMBER EV642786955US	ATTORNEY'S DOCKET NUMBER 187732/US
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/577,084	
INTERNATIONAL APPLICATION NO. PCT/FR2004/02848	INTERNATIONAL FILING DATE November 5, 2004	PRIORITY DATE CLAIMED November 6, 2003			
TITLE OF INVENTION OPTIMISED MICRO-ORGANISM STRAINS FOR NADPH-CONSUMING BIOSYNTHETIC PATHWAYS					
APPLICANT(S) FOR DO/EO/US GWÉNAËLLE BESTEL-CORRE, CÉDRIC BOISART, MICHEL CHATEAU, BENJAMIN GONZALEZ, PHILIPPE SOUCAILLE, RAINER FIGGE AND OLIVIER ZINK					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other					
<p>1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> has been transmitted by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input type="checkbox"/> is attached hereto.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</p> <p>b. <input type="checkbox"/> had been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36</p>					
Items 11 to 20. below concern document(s) or information included:					
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4)</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input type="checkbox"/> Other items or information:</p>					

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) 10/577,084		INTERNATIONAL APPLICATION NO. PCT/FR2004/02848		ATTORNEY'S DOCKET NUMBER 187732/US					
21. The following fees have been submitted: <input type="checkbox"/> a) Basic national fee (37 CFR 1.492(a))..... \$300.00				CALCULATIONS	PTO USE ONLY				
				\$					
22. <input type="checkbox"/> Examination fee (37 CFR 492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)--4)..... \$0.00 All other situations..... \$200.00				\$					
				23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)--4) \$0.00 Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the USPTO as an International Searching Authority..... \$100.00 International Search Report prepared and provided to the Office \$400.00 All other situations \$500.00				\$	
TOTAL OF 21, 22 and 23 =								\$	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
						<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">Total Sheets</td> <td style="width:15%;">Extra Sheets</td> <td style="width:40%;">Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td style="width:30%;">RATE</td> </tr> <tr> <td>- 100</td> <td>/50 =</td> <td></td> <td>x \$250.00</td> </tr> </table>		Total Sheets	Extra Sheets
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE						
- 100	/50 =		x \$250.00						
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$130.00					
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE					
Total claims		13 -20 =	0	x \$50.00	\$				
Independent claims		2 -3 =	0	x \$200.00	\$				
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	\$				
TOTAL OF ABOVE CALCULATIONS =				\$					
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				\$65.00					
SUBTOTAL =				\$65.00					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$					
TOTAL NATIONAL FEE =				\$65.00					
Fee for recording the enclose assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$					
TOTAL FEES ENCLOSED =				\$65.00					
05/24/2006 MKAYPACH 00000120 10577084 01 FC:2617 65.00 OP				Amount to be refunded:	\$				
				charged:	\$				

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) <div style="text-align: center;">10/577,084</div>	INTERNATIONAL APPLICATION NO. <div style="text-align: center;">PCT/FR2004/02848</div>	ATTORNEY'S DOCKET NUMBER <div style="text-align: center;">187732/US</div>												
<p>a. <input checked="" type="checkbox"/> A check in the amount <u>\$65.00</u> to cover the above fees is enclosed. of</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>50-2054</u> In the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-2054</u> A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>														
SEND ALL CORRESPONDENCE TO: <div style="float: right; text-align: right;"> CUSTOMER NUMBER 30873 </div>														
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 35%; vertical-align: top;"> Janet M. MacLeod Dorsey & Whitney LLP Intellectual Property Department 250 Park Avenue New York, New York 10177 </td> <td style="width: 35%; vertical-align: top; border-bottom: 1px solid black;"> <div style="text-align: center; font-family: cursive; font-size: 1.2em;">  </div> </td> <td style="width: 30%; vertical-align: top; border-bottom: 1px solid black;"> <div style="text-align: center;">May 18, 2006</div> </td> </tr> <tr> <td></td> <td style="border-bottom: 1px solid black;"> Signature Janet M. MacLeod </td> <td style="border-bottom: 1px solid black;"> Date </td> </tr> <tr> <td></td> <td colspan="2" style="border-bottom: 1px solid black;"> Name 35,263 </td> </tr> <tr> <td></td> <td colspan="2"> Registration Number </td> </tr> </table>			Janet M. MacLeod Dorsey & Whitney LLP Intellectual Property Department 250 Park Avenue New York, New York 10177	<div style="text-align: center; font-family: cursive; font-size: 1.2em;">  </div>	<div style="text-align: center;">May 18, 2006</div>		Signature Janet M. MacLeod	Date		Name 35,263			Registration Number	
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